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| NEWS | 1 | | Web Page for STN Seminar Schedule - N. America |
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| NEWS | 3 | JUL 02 | SCISEARCH enhanced with complete author names |
| NEWS | 4 | JUL 02 | CHEMCATS accession numbers revised |
| NEWS | 5 | JUL 02 | CA/CAplus enhanced with utility model patents from China |
| NEWS | 6 | JUL 16 | CAplus enhanced with French and German abstracts |
| NEWS | 7 | JUL 18 | CA/CAplus patent coverage enhanced |
| NEWS | 8 | JUL 26 | USPATFULL/USPAT2 enhanced with IPC reclassification |
| NEWS | 9 | JUL 30 | USGENE now available on STN |
| NEWS | 10 | AUG 06 | CAS REGISTRY enhanced with new experimental property tags |
| NEWS | 11 | AUG 06 | FSTA enhanced with new thesaurus edition |
| NEWS | 12 | AUG 13 | CA/CAplus enhanced with additional kind codes for granted patents |
| NEWS | 13 | AUG 20 | CA/CAplus enhanced with CAS indexing in pre-1907 records |
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| NEWS | 16 | AUG 28 | CAS REGISTRY enhanced with additional experimental spectral property data |
| NEWS | 17 | SEP 07 | STN AnaVist, Version 2.0, now available with Derwent World Patents Index |
| NEWS | 18 | SEP 13 | FORIS renamed to SOFIS |
| NEWS | 19 | SEP 13 | INPADOCDB enhanced with monthly SDI frequency |
| NEWS | 20 | SEP 17 | CA/CAplus enhanced with printed CA page images from 1967-1998 |
| NEWS | 21 | SEP 17 | CAplus coverage extended to include traditional medicine patents |
| NEWS | 22 | SEP 24 | EMBASE, EMBAL, and LEMBASE reloaded with enhancements |
| NEWS | 23 | OCT 02 | CA/CAplus enhanced with pre-1907 records from Chemisches Zentralblatt |
| NEWS | 24 | OCT 19 | BEILSTEIN updated with new compounds |
| NEWS | 25 | NOV 15 | Derwent Indian patent publication number format enhanced |
| NEWS | 26 | NOV 19 | WPIX enhanced with XML display format |
| NEWS | 27 | NOV 30 | ICSD reloaded with enhancements |
| NEWS | 28 | DEC 04 | LINPADOCDB now available on STN |

NEWS EXPRESS 19 SEPTEMBER 2007: CURRENT WINDOWS VERSION IS V8.2, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 19 SEPTEMBER 2007.

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NEWS IPC8 For general information regarding STN implementation of IPC 8

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* * * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 13:55:44 ON 06 DEC 2007

| | | |
|----------------------|------------|---------|
| => file caplus | SINCE FILE | TOTAL |
| COST IN U.S. DOLLARS | ENTRY | SESSION |
| FULL ESTIMATED COST | 0.63 | 0.63 |

FILE 'CAPLUS' ENTERED AT 13:57:18 ON 06 DEC 2007
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FILE COVERS 1907 - 6 Dec 2007 VOL 147 ISS 24
FILE LAST UPDATED: 5 Dec 2007 (20071205/ED)

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=> s bismuth oxychloride
138823 BISMUTH
5 BISMUTHS
138823 BISMUTH
(BISMUTH OR BISMUTHS)
14810 OXYCHLORIDE
1335 OXYCHLORIDES
15580 OXYCHLORIDE
(OXYCHLORIDE OR OXYCHLORIDES)
L1 570 BISMUTH OXYCHLORIDE
(BISMUTH(W) OXYCHLORIDE)

=> s colorant or colour
19011 COLORANT
11117 COLORANTS
26050 COLORANT
(COLORANT OR COLORANTS)
6867 COLOUR
638 COLOURS
7285 COLOUR
(COLOUR OR COLOURS)
L2 33289 COLORANT OR COLOUR

=> s L1 and L2
L3 27 L1 AND L2

=> s skin tone
269200 SKIN

10622 SKINS
275166 SKIN
(SKIN OR SKINS)
34652 TONE
3206 TONES
37133 TONE
(TONE OR TONES)

L4 121 SKIN TONE
(SKIN(W) TONE)

=> s skin color
269200 SKIN
10622 SKINS
275166 SKIN
(SKIN OR SKINS)
453003 COLOR
50164 COLORS
477988 COLOR
(COLOR OR COLORS)

L5 1285 SKIN COLOR
(SKIN(W) COLOR)

=> s skin colour
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(SKIN OR SKINS)
6867 COLOUR
638 COLOURS
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(COLOUR OR COLOURS)

L6 15 SKIN COLOUR
(SKIN(W) COLOUR)

=> s 14 or 15 or L6

L7 1403 L4 OR L5 OR L6

=> s L3 and L7

L8 0 L3 AND L7

=> s L1 and L7

L9 4 L1 AND L7

=> dup rem L9
PROCESSING COMPLETED FOR L9

L10 4 DUP REM L9 .(0 DUPLICATES REMOVED)

=> d 1-4 ibib abs L9

L9 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2007:230572 CAPLUS
DOCUMENT NUMBER: 146:280383
TITLE: Color cosmetic compositions containing iron oxides and polysaccharides coatings therein
INVENTOR(S): Sandewicz, Ida Marie; Zamyatin, Tatyana; Russ, Julio Gans; Jabush, Sarah K.
PATENT ASSIGNEE(S): USA
SOURCE: U.S. Pat. Appl. Publ., 14pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.

KIND DATE

APPLICATION NO.

DATE

| | | | | |
|---|----|----------|-----------------|----------|
| US 2007048238 | A1 | 20070301 | US 2006-378681 | 20060317 |
| WO 2007027503 | A2 | 20070308 | WO 2006-US33096 | 20060823 |
| WO 2007027503 | A3 | 20070920 | | |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
GE, GH, GM, HN, HR, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP,
KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN,
MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS,
RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ,
UA, UG, US, UZ, VC, VN, ZA, ZM, ZW | | | | |
| RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ,
CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA | | | | |

PRIORITY APPLN. INFO.: US 2005-712310P P 20050830
US 2006-378681 A 20060317

AB Disclosure is an anhydrous color cosmetic composition comprising a pigment component and a powder component, the improvement wherein the powder component includes microfine particle size powders in an amount sufficient to provide a composition that matches a plurality of skin shades in one, or more than one, skin tone category; and an anhydrous foundation, blush, concealer, mascara, or other cosmetic composition that has a first resting color and a second application color. For example, an anhydrous foundation contained titania, zinc oxide, cyclomethicone, dimethicone copolyol, methicone, boron nitride, mica, Aloe Vera powder, silica, bismuth oxychloride, HDI/trimethylolhexyllactone crosspolymer, lauroyl lysine, Me paraben, Et paraben, Pr paraben, Bu paraben, trisodium EDTA, cyclomethicones, tribeheinin, Sensient LCW Yellow iron oxide AQ and red iron oxide AQ, Sensient LCW black iron oxide.

L9 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2005:1200948 CAPLUS

DOCUMENT NUMBER: 143:465610

TITLE: Taurate formulated pigmented cosmetic composition comprising a crosslinked silicone elastomer, a zinc oxide or zirconium oxide exhibiting radiance with soft focus

INVENTOR(S): Dobkowski, Brian John; Rosevear, Jeffrey William; Chandar, Prem; De Mul, Marc Nicolaas Gerard; Polonka, Jack

PATENT ASSIGNEE(S): Unilever Home & Personal Care Usa, Division of Conopco, Inc., USA

SOURCE: U.S. Pat. Appl. Publ., 11 pp.
CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---------------|------|----------|-----------------|----------|
| US 2005249684 | A1 | 20051110 | US 2004-841042 | 20040507 |

PRIORITY APPLN. INFO.: US 2004-841042 20040507

AB The present invention relates to a cosmetic composition which includes a crosslinked silicone elastomer, a zinc oxide or zirconium oxide of average particle size less than 300 nm and a taurate polymer, in a cosmetically acceptable carrier system. The composition achieves soft focus and radiance properties which improve the appearance of skin. Good coverage over imperfections such as pores and uneven skin tone is achieved while retaining a natural skin appearance.

L9 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2005:696715 CAPLUS
 DOCUMENT NUMBER: 143:179160
 TITLE: Taurate formulated pigmented cosmetic compositions exhibiting radiance with soft focus
 INVENTOR(S): Dobkowski, Brian John; Rosevear, Jeffrey William; Chandar, Prem; De Mul, Marc Nicolaas Gerard; Polonka, Jack
 PATENT ASSIGNEE(S): Unilever PLC, UK; Unilever N. V.; Hindustan Lever Limited
 SOURCE: PCT Int. Appl., 44 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|--|------|----------|-----------------|------------|
| WO 2005070384 | A1 | 20050804 | WO 2005-EP436 | 20050112 |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,
NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,
TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW | | | | |
| RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,
AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,
EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT,
RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML,
MR, NE, SN, TD, TG | | | | |
| AU 2005205898 | A1 | 20050804 | AU 2005-205898 | 20050112 |
| BR 2005006504 | A | 20070227 | BR 2005-6504 | 20050112 |
| JP 2007518761 | T | 20070712 | JP 2006-550012 | 20050112 |
| IN 2006MN00862 | A | 20070323 | IN 2006-MN862 | 20060720 |
| PRIORITY APPLN. INFO.: | | | US 2004-538664P | P 20040123 |
| | | | WO 2005-EP436 | W 20050112 |

AB A cosmetic composition is provided which includes a crosslinked silicone elastomer, a zinc oxide or zirconium oxide of average particle size <300 nm and a light reflecting inorg. material of platelet-shaped particles having an average particle size of 10,000-30,000 nm, in a cosmetically acceptable carrier system. The composition achieves soft focus and radiance properties which improve the appearance of skin. Good coverage over imperfections such as pores and uneven skin tone is achieved while retaining a natural skin appearance. Thus, a formulation contained 0.80% Aristoflex AVC (a taurate polymer), and 3.08% ZnO in addition to other excipients.

REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2002:555319 CAPLUS
 DOCUMENT NUMBER: 137:114245
 TITLE: Skin cosmetic compositions containing optical diffusing pigments
 INVENTOR(S): Tan, Manuel L.; Cohen, Isaac D.; Albers, Marie A.; Oko, Jennifer
 PATENT ASSIGNEE(S): Color Access, Inc., USA
 SOURCE: PCT Int. Appl., 15 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------|------|------|-----------------|------|
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|---|----|----------|-----------------|------------|
| WO 2002056846 | A1 | 20020725 | WO 2001-US50550 | 20011220 |
| W: AU, CA, JP | | | | |
| RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR | | | | |
| US 2002141957 | A1 | 20021003 | US 2001-764027 | 20010117 |
| US 6511672 | B2 | 20030128 | | |
| CA 2433337 | A1 | 20020725 | CA 2001-2433337 | 20011220 |
| AU 2002234127 | A1 | 20020730 | AU 2002-234127 | 20011220 |
| EP 1365730 | A1 | 20031203 | EP 2001-985150 | 20011220 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY, TR | | | | |
| JP 2004526694 | T | 20040902 | JP 2002-557356 | 20011220 |
| PRIORITY APPLN. INFO.: | | | US 2001-764027 | A 20010117 |
| | | | WO 2001-US50550 | W 20011220 |

AB The present invention provides a method of preventing the appearance of fine lines, wrinkles and discoloration on the skin. This is achieved by the topical application to the skin of a composition containing a first platelet of

alumina treated with a metal oxide, a second platelet treated with a spherical scattering component, and a cosmetic or pharmaceutical carrier. The comps. can also contain a standard interference pigment, such as a white and a yellow interference pigment to further blend the color to closely match the natural skin tone. The combination of pigments and platelets creates a mosaic of color and optically manipulates light such that lines, wrinkles, disfiguring and discolorations on the skin appear to substantially vanish. In addition to the pigments and platelet components, a non-interference pigment can also be added to fine-tune the matching of color to the skin tone. The alumina platelet alone is metallic-looking; however, when it is tempered with the other platelet containing the spherical scattering component, the net effect is that the skin appears natural, luminous and flawless. Thus, a liquid foundation contained the following components: Phase 1; Ph trimethicone 10.0, TiO₂ 1.8, Red oxide 0.1, and Yellow oxide 0.5; Phase 2; Dimethicone polyol 5.0, Cyclomethicone 30.0, Silicone HL88 1.5, Dimethicone 5.0, and Parabens 0.2; Phase 3; Pearl Copper-1000 2.0, Ronac MS-30C 2.5, Ronac MJ-10C 2.0, Soft Vision 1.0; Phase 4; water 32.0, butylene glycol 5.0, Mg sulfate 0.2, and Laureth-7 0.2, phenoxyethanol 1.0%.

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> dup rem L3
PROCESSING COMPLETED FOR L3
L11 27 DUP REM L3 (0 DUPLICATES REMOVED)

=> s L11 and (AY<2003 or PY<2003 or PRY<2003)
L12 27 S L11
4468218 AY<2003
22908454 PY<2003
3947132 PRY<2003
L13 22 L12 AND (AY<2003 OR PY<2003 OR PRY<2003)

=> s pigment
156655 PIGMENT
134232 PIGMENTS
L14 211347 PIGMENT
(PIGMENT OR PIGMENTS)

=> s L13 and L14
L15 15 L13 AND L14

=> d 1-15 ibib abs L15

L15 ANSWER 1 OF 15 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2004:510224 CAPLUS
 DOCUMENT NUMBER: 141:55817
 TITLE: Spherical inorganic absorption pigments for use in cosmetics
 INVENTOR(S): Heider, Lilia; Knapp, Martin; Lenz, Gisela; Rick, Norbert
 PATENT ASSIGNEE(S): Merck Patent GmbH, Germany
 SOURCE: Eur. Pat. Appl., 11 pp.
 CODEN: EPXXDW
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|--|------|----------|------------------|--------------|
| EP 1431351 | A1 | 20040623 | EP 2003-27593 | 20031202 <-- |
| EP 1431351 | B1 | 20060308 | | |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK | | | | |
| DE 10259246 | A1 | 20040701 | DE 2002-10259246 | 20021217 <-- |
| AT 319784 | T | 20060315 | AT 2003-27593 | 20031202 <-- |
| IN 2003KO00616 | A | 20060512 | IN 2003-KO616 | 20031205 <-- |
| KR 2004055620 | A | 20040626 | KR 2003-91804 | 20031216 <-- |
| CN 1508195 | A | 20040630 | CN 2003-10123107 | 20031217 <-- |
| JP 2004197099 | A | 20040715 | JP 2003-419973 | 20031217 <-- |
| US 2004177789 | A1 | 20040916 | US 2003-736893 | 20031217 <-- |
| US 6866710 | B2 | 20050315 | | |

PRIORITY APPLN. INFO.: DE 2002-10259246 A 20021217 <--
 AB The title pigments, useful in cosmetics and having good optical properties and feeling good on the skin, comprise spherical particles (diameter 1-100 nm) coated with colorants and then with SiO₂, and similar particles with diameter 0.5-50 μm. SiO₂ spheres (RonaspHERE, diameter <20 μm) were dispersed (100 g) in 1900 g H₂O, heated to 80°, acidified to pH 3.0, mixed with 375 g FeCl₃ solution (15% Fe) with addition of NaOH to maintain a pH of 3.0, stirred for 30 min, basified to pH 7.5, mixed with 167 g Na silicate solution (27% SiO₂) and 167 g H₂O at 80° while adding HCl to maintain pH 7.5, stirred for 15 min, and adjusted to pH 6.0. Mixing this dispersion with a similarly colored dispersion of 90 g RonaspHERE, filtering, washing, drying at 110°, and calcining at 825° gave a red powder containing 59% Fe₂O₃.

L15 ANSWER 2 OF 15 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2004:490100 CAPLUS
 DOCUMENT NUMBER: 141:25119
 TITLE: Color effect materials and production thereof
 INVENTOR(S): Zimmermann, Curtis J.; Christie, James D.; Doxey, Vivian K.; Fuller, Daniel Stevenson
 PATENT ASSIGNEE(S): Engelhard Corp., USA
 SOURCE: U.S. Pat. Appl. Publ., 7 pp.
 CODEN: USXXCO
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 3
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|--|------|----------|-----------------|--------------|
| US 2004112252 | A1 | 20040617 | US 2002-318058 | 20021213 <-- |
| US 6821333 | B2 | 20041123 | | |
| WO 2004055118 | A2 | 20040701 | WO 2003-US39812 | 20031215 <-- |
| WO 2004055118 | A3 | 20040826 | | |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, | | | | |

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| AU 2003300928 | A1 | 20040709 | AU 2003-300928 | 20031215 <-- |
| CN 1738869 | A | 20060222 | CN 2003-80108794 | 20031215 <-- |
| JP 2006516154 | T | 20060622 | JP 2004-560873 | 20031215 <-- |
| US 2005031564 | A1 | 20050210 | US 2004-920826 | 20040818 <-- |
| PRIORITY APPLN. INFO.: | | | | |
| | | | US 2002-318058 | A 20021213 <-- |
| | | | US 2002-318110 | A 20021213 <-- |
| | | | US 2002-318201 | A 20021213 <-- |
| | | | WO 2003-US39812 | W 20031215 |

AB A color effect material comprises a platelet-shaped substrate sequentially encapsulated with: a first layer which is highly reflective to light directed thereon and which is selected from the group consisting of silver, gold, platinum, palladium, rhodium, ruthenium, osmium, iridium and alloys thereof; and a second spacer layer which does not provide significant incident angle dependent variable pathlength difference. Optionally, the spacer pigment layer which is encapsulated by an outer layer which is selectively transparent to light directed thereon.

REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L15 ANSWER 3 OF 15 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2003:1006724 CAPLUS
 DOCUMENT NUMBER: 140:47046
 TITLE: Multi-step cosmetic benefit foundation kit
 INVENTOR(S): Rabe, Thomas Elliot; Wildgust, Paul Graham
 PATENT ASSIGNEE(S): The Procter & Gamble Company, USA
 SOURCE: PCT Int. Appl., 35 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|--|-------|-----------------|-----------------|--------------|
| ----- | ----- | ----- | ----- | ----- |
| WO 2003105787 | A2 | 20031224 | WO 2003-US18155 | 20030610 <-- |
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TZ, UA, UG, UZ, VN, YU, ZA, ZW | | | | |
| RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
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FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR,
BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | | |
| US 2004086474 | A1 | 20040506 | US 2003-439555 | 20030516 <-- |
| CA 2487803 | A1 | 20031224 | CA 2003-2487803 | 20030610 <-- |
| AU 2003245430 | A1 | 20031231 | AU 2003-245430 | 20030610 <-- |
| EP 1513491 | A2 | 20050316 | EP 2003-739072 | 20030610 <-- |
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IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK | | | | |
| CN 1662217 | A | 20050831 | CN 2003-814076 | 20030610 <-- |
| JP 2005533059 | T | 20051104 | JP 2004-512695 | 20030610 <-- |
| MX 2004PA12626 | A | 20050323 | MX 2004-PA12626 | 20041214 <-- |
| PRIORITY APPLN. INFO.: | | | | |
| | | US 2002-389412P | P 20020617 <-- | |
| | | WO 2003-US18155 | W 20030610 | |

AB A cosmetic kit that is suitable for application as a multi-step facial foundation product comprises a first composition containing an effective amount of a first cosmetic benefit agent and a first carrier; a second composition containing an effective amount of 1 or more colorants having a refractive index >2.0 and a second carrier. The second composition is topically applied to facial skin after the first composition. Thus, a powder foundation contained in the phase A; talc 23.90., mica 17.66, Mica (sericite) 29.04, TiO₂ 11.60, Nylon-12 1.76, silica 2.64, propylparaben 0.10, methylparaben 0.30, sodium dehydroacetate 0.10, red iron oxide 0.43, black iron oxide 0.29, and yellow iron oxide 0.50%; Phase B comprised dimethicone and trimethylsiloxy silicate 6.43, dioctyl succinate 0.80, octyl hydroxystearate 0.70, cholesterol hydroxystearate 1.05, tocopherol 0.01, and octylmethoxycinnamate 2.69%.

L15 ANSWER 4 OF 15 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2003:777548 CAPLUS

DOCUMENT NUMBER: 139:280930

TITLE: Personal care compositions comprising solid particles entrapped in a gel polymeric network

INVENTOR(S): Adams, Christine Adams; Browne, Yvonne Bridget; Kalla, Karen Kay; Morrissey, Christopher Todd; Motley, Curtis Bobby; Stephens, Alison Fiona; Sunkel, Jorge Max

PATENT ASSIGNEE(S): The Procter & Gamble Company, USA

SOURCE: PCT Int. Appl., 53 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|----------------|
| WO 2003080005 | A1 | 20031002 | WO 2003-US5975 | 20030227 <-- |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW | | | | |
| RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | | |
| US 2003190336 | A1 | 20031009 | US 2002-100637 | 20020318 <-- |
| AU 2003216449 | A1 | 20031008 | AU 2003-216449 | 20030227 <-- |
| EP 1485060 | A1 | 20041215 | EP 2003-745081 | 20030227 <-- |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK | | | | |
| JP 2005520848 | T | 20050714 | JP 2003-577836 | 20030227 <-- |
| CN 1642518 | A | 20050720 | CN 2003-806331 | 20030227 <-- |
| MX 2004PA09035 | A | 20050125 | MX 2004-PA9035 | 20040917 <-- |
| PRIORITY APPLN. INFO.: | | | US 2002-100637 | A 20020318 <-- |
| | | | WO 2003-US5975 | W 20030227 |

AB The present invention relates to a personal care composition comprising a three dimensional gel polymeric network comprising (a) a polymer; (b) one or more solid particles that are entrapped within the polymer during polymerization;

and (c) a solvent in which the polymer is dispersed. Another embodiment further includes a solid particle of at least one second colorant that is substantially similar to the first colorant; the second colorant is dispersed within the composition but is not entrapped in the polymer and is sep. and distinct from the network. In contrast, a third embodiment allows for the at least one second colorant to

be substantially different from the at least one first colorant. For example, a multichromatic liquid foundation was prepared containing a colored

crosslinked gel network (colored gel comprising 10% pigments TiO₂ + iron oxides, average particle size 60 μ, 12% polymer, and 78% cyclomethicone fluid) 40.00%, dimethicone copolyol crosspolymer KSG-21 5.00%, cyclomethicone DC 245 19.35%, propylparaben 0.10%, ethylparaben 0.20%, water 15.00%, titanium dioxide 8.25%, iron oxides 1.75%, glycerin 10.00%, benzyl alc. 0.25%, methylparaben 0.10%, ammonium polyacrylate (Darvan 821A) 0.12%, and disodium EDTA 0.10%.

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L15 ANSWER 5 OF 15 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2003:448016 CAPLUS
DOCUMENT NUMBER: 139:26316
TITLE: Pigmented vitamin C composition
INVENTOR(S): Simard, Claude; Curtis, Ernest S.; Pahlck, Harold E.
PATENT ASSIGNEE(S): Avon Products, Inc., USA
SOURCE: U.S., 5 pp., Cont.-in-part of U.S. Ser. No. 150,806.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 3
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|--|------|----------|-----------------|-----------------|
| US 6576248 | B1 | 20030610 | US 2000-659223 | 20000911 <-- |
| US 6299889 | B1 | 20011009 | US 1998-150806 | 19980910 <-- |
| WO 2002022087 | A1 | 20020321 | WO 2001-US28810 | 20010911 <-- |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT,
RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US,
UZ, VN, YU, ZA, ZW | | | | |
| RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | | |
| AU 200190948 | A | 20020326 | AU 2001-90948 | 20010911 <-- |
| EP 1317238 | A1 | 20030611 | EP 2001-971011 | 20010911 <-- |
| EP 1317238 | B1 | 20071114 | | |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO, MK, CY, AL, TR | | | | |
| PRIORITY APPLN. INFO.: | | | US 1998-150806 | A2 19980910 <-- |
| | | | US 2000-659223 | A 20000911 <-- |
| | | | WO 2001-US28810 | W 20010911 <-- |

AB There is provided an emulsion having a substantially non-aqueous phase, a substantially aqueous phase, a vitamin C component (about 0.1-16%) and a pigment, e.g., titanium dioxide, iron oxide, mica, ultramarine, manganese violet, zinc oxide, bismuth oxychloride, ferric ammonium ferrocyanide, ferric ferrocyanide, chromium hydroxide green, FD&C colorants, D&C colorants, etc. Pigment is coated with a substance selected from fluorosilanes, alkylsilanes, perfluoropolymethyl iso-Pr ether, lauryl lysine, magnesium myristate, polyethylene, phospholipids, dimethicone, and lecithins. The composition further comprises an UV radiation protection agent, such as avobenzone. Such an emulsion is both cosmetically and aesthetically acceptable.

REFERENCE COUNT: 56 THERE ARE 56 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L15 ANSWER 6 OF 15 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2003:76501 CAPLUS

DOCUMENT NUMBER: 138:142188
 TITLE: Color changing nail polish
 INVENTOR(S): Borsakian, Benny; Faraci, Janel
 PATENT ASSIGNEE(S): USA
 SOURCE: PCT Int. Appl., 13 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|--------------|
| WO 2003007675 | A2 | 20030130 | WO 2001-US44758 | 20011126 <-- |
| WO 2003007675 | A3 | 20030515 | | |
| WO 2003007675 | A8 | 20030703 | | |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,
PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA,
UG, US, UZ, VN, YU, ZA, ZW
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AM, AZ, BY, KG,
KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR,
IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN,
GQ, GW, ML, MR, NE, SN, TD, TG | | | | |
| AU 2002241531 | A1 | 20030303 | AU 2002-241531 | 20011126 <-- |
| PRIORITY APPLN. INFO.: US 2001-306595P P 20010719 <-- | | | | |
| WO 2001-US44758 W 20011126 <-- | | | | |

AB A nail polish composition comprises a nail polish base, e.g., nitrocellulose and Bu acrylate-hydroxyethyl acrylate-N-methoxyethyl acrylate copolymer, into which is mixed a colorant, a temperature sensitive colorant, and a UV photochromic powder. The colorant, temperature sensitive colorant, and UV photochromic powder imparting, after the nail polish composition is applied to a human nail and allowed to dry, a first color when the human nail is at normal body temperature, a second color when the temperature of the human nail is above normal body temperature, and a third color when the nail polish composition is exposed to UV radiation.

L15 ANSWER 7 OF 15 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2003:22713 CAPLUS
 DOCUMENT NUMBER: 138:78484
 TITLE: Ingestible pharmaceuticals containing special effect pigments in
 INVENTOR(S): Uzunian, Gabriel E.; Sullivan, William J.
 PATENT ASSIGNEE(S): Engelhard Corporation, USA
 SOURCE: PCT Int. Appl., 11 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|--------------|
| WO 2003002149 | A2 | 20030109 | WO 2002-US18680 | 20020612 <-- |
| WO 2003002149 | A3 | 20030327 | | |
| W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CO, CR,
CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID,
IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV,
MA, MD, MG, MK, MN, MW, MX, NO, NZ, OM, PH, PL, PT, RO, RU, SD,
SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU,
ZA, ZM, ZW
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, | | | | |

| | | | | |
|---|----|----------|--|----------------|
| KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, | | | | |
| GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, | | | | |
| GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | | |
| US 2003008002 | A1 | 20030109 | US 2001-891725 | 20010626 <-- |
| US 6627212 | B2 | 20030930 | | |
| CA 2451851 | A1 | 20030109 | CA 2002-2451851 | 20020612 <-- |
| AU 2002352226 | A1 | 20030303 | AU 2002-352226 | 20020612 <-- |
| AU 2002352226 | A2 | 20030303 | | |
| EP 1427446 | A2 | 20040616 | EP 2002-752046 | 20020612 <-- |
| R: AT, BE, CH, DE, DK, ES, FR, IE, SI, LT, LV, FI, RO, MK | | | GB, GR, IT, LI, LU, NL, SE, MC, PT, CY, AL, TR | |
| JP 2005519853 | T | 20050707 | JP 2003-508387 | 20020612 <-- |
| BR 2002010619 | A | 20060523 | BR 2002-10619 | 20020612 <-- |
| US 2004018232 | A1 | 20040129 | US 2003-624835 | 20030721 <-- |
| US 2007048416 | A1 | 20070301 | US 2006-530522 | 20060911 |
| PRIORITY APPLN. INFO.: | | | US 2001-891725 | A 20010626 <-- |
| | | | WO 2002-US18680 | W 20020612 <-- |
| | | | US 2003-624835 | A1 20030721 |

AB Ingestible pharmaceuticals contain a special effect pigment such as platy TiO₂, TiO₂ and/or iron oxide coated on substrates such as mica. Conventional colorants do not give the special effects of these pigments. A pharmaceutical powder was prepared by blending the following proportions of ingredients: acetaminophen powder 83.3, lactose (regular grind) 6.1, CaSO₄ 6.1, Magnesium stearate 2.5, and platy gold TiO₂ 2.0%. The resulting mixture was compressed into tablets having a light gold hue.

L15 ANSWER 8 OF 15 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2003:6054 CAPLUS
 DOCUMENT NUMBER: 138:74779
 TITLE: Multilayered magnetic pigments and foils and optical articles
 INVENTOR(S): Philips, Roger W.; Legallee, Charlotte R.; Markantes, Charles T.; Coombs, Paul G.
 PATENT ASSIGNEE(S): Flex Products, Inc., USA
 SOURCE: PCT Int. Appl., 57 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|-------|----------|--|--------------|
| ----- | ----- | ----- | ----- | ----- |
| WO 2003000801 | A2 | 20030103 | WO 2002-US1059 | 20020116 <-- |
| WO 2003000801 | A3 | 20030227 | | |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW | | | | |
| RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG | | | | |
| US 2002160194 | A1 | 20021031 | US 2001-844261 | 20010427 <-- |
| AU 2002329168 | A1 | 20030108 | AU 2002-329168 | 20020116 <-- |
| EP 1412432 | A2 | 20040428 | EP 2002-765768 | 20020116 <-- |
| R: AT, BE, CH, DE, DK, ES, FR, IE, SI, LT, LV, FI, RO, MK | | | GB, GR, IT, LI, LU, NL, SE, MC, PT, CY, AL, TR | |
| CN 1505668 | A | 20040616 | CN 2002-808832 | 20020116 <-- |
| JP 2005509691 | T | 20050414 | JP 2003-507196 | 20020116 <-- |
| CN 1854204 | A | 20061101 | CN 2006-10077007 | 20020116 <-- |
| US 2003143400 | A1 | 20030731 | US 2003-360964 | 20030207 <-- |
| US 6818299 | B2 | 20041116 | | |

| | | | | |
|------------------------|----|----------|----------------|-----------------|
| US 2004028905 | A1 | 20040212 | US 2003-637605 | 20030808 <-- |
| US 6838166 | B2 | 20050104 | | |
| PRIORITY APPLN. INFO.: | | | US 2001-844261 | A 20010427 <-- |
| | | | CN 2002-808832 | A3 20020116 <-- |
| | | | WO 2002-US1059 | W 20020116 <-- |

AB The pigment flakes can be a sym. coating structure on opposing sides of a magnetic core, or can be formed with encapsulating coatings around the magnetic core. The magnetic core can be a magnetic layer between reflector or dielec. layers, a dielec. layer between magnetic layers, or only a magnetic layer. The pigment flakes and foils exhibit a discrete color shift so as to have distinct colors at differing angles of incident light or viewing. The pigment flakes can be interspersed into liquid media such as paints or inks to produce colorant compns. for subsequent application to objects or papers. The foils can be laminated to various objects or can be formed on a carrier substrate.

L15 ANSWER 9 OF 15 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2002:754152 CAPLUS
 DOCUMENT NUMBER: 137:268194
 TITLE: Colored cosmetic composition with novel aesthetics
 INVENTOR(S): Wang, Yinli; Martin, Shari; Rothouse, Jason; Lembo, Dawn
 PATENT ASSIGNEE(S): Avon Products, Inc., USA
 SOURCE: PCT Int. Appl., 21 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|----------------|
| WO 2002076387 | A2 | 20021003 | WO 2002-US8435 | 20020320 <-- |
| WO 2002076387 | A3 | 20021121 | | |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW | | | | |
| RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | | |
| US 2002176831 | A1 | 20021128 | US 2001-13851 | 20011210 <-- |
| AU 2002244312 | A1 | 20021008 | AU 2002-244312 | 20020320 <-- |
| EP 1292262 | A2 | 20030319 | EP 2002-709854 | 20020320 <-- |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR | | | | |
| PRIORITY APPLN. INFO.: | | | US 2001-279150P | P 20010327 <-- |
| | | | US 2001-13851 | A 20011210 <-- |
| | | | WO 2002-US8435 | W 20020320 <-- |

AB There are provided colored, cosmetic emulsion compns. and methods of making them. The compns. have a hydrophilic colorant in the aqueous phase of the emulsion and a pearlescent colorant preferably in the oil phase of the emulsion. Upon application to mammalian skin or lips, the compns. of the invention display two or more different colors, have a multi-layered appearance, and display a different color than the color of the composition in its product form. For example, emulsions contained castor oil 15-45%, diisostearyl fumarate 5-10%, lanolin 5-10%, cetyl lactate 5-10%, a wax 0.5-50%, an aqueous phase emulsifying agent (PEG-8) 0.5-5%, preservative 0.1-1%, sodium silicoaluminate 0.1-1%, hydrophilic colorants 0.1-50%, an oil phase emulsifying agent (e.g., polyglyceryl isostearate) 0.5-5%, pearlescent colorants 0.1-50%, fragrance 0.1-1%, and water up to 100%.

L15 ANSWER 10 OF 15 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2001:165757 CAPLUS
 DOCUMENT NUMBER: 134:227062
 TITLE: Pigment mixtures containing BiOCl
 pigments
 INVENTOR(S): Anselmann, Ralf; Hillgaertner, Uta; Schoen, Sabine
 PATENT ASSIGNEE(S): Merck Patent G.m.b.H., Germany
 SOURCE: Ger. Offen., 12 pp.
 CODEN: GWXXBX
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|------------------|----------------|
| DE 19941607 | A1 | 20010308 | DE 1999-19941607 | 19990901 <-- |
| WO 2001016235 | A1 | 20010308 | WO 2000-EP7947 | 20000816 <-- |
| W: JP, US
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE | | | | |
| EP 1218455 | A1 | 20020703 | EP 2000-953169 | 20000816 <-- |
| EP 1218455 | B1 | 20040421 | | |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY | | | | |
| AT 264892 | T | 20040515 | AT 2000-953169 | 20000816 <-- |
| US 6743285 | B1 | 20040601 | US 2002-69669 | 20020228 <-- |
| PRIORITY APPLN. INFO.: | | | DE 1999-19941607 | A 19990901 <-- |
| | | | WO 2000-EP7947 | W 20000816 <-- |

AB Metallic glossy pigment mixts. with good processability and light stability as dispersions or powders, especially useful for cosmetics, contain ≥2 components, whereby component A is based on BiOCl pigments as powders or dispersion and component B is based on single- or multilayer (metallic oxide-coated) platelet substrates, needle-shaped or spherical colorants and/or fillers.

L15 ANSWER 11 OF 15 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 1999:718550 CAPLUS
 DOCUMENT NUMBER: 132:212485
 TITLE: Instrumental measurement: Light stability of colorants
 AUTHOR(S): Aucar, Betty; Uzunian, Gabriel
 CORPORATE SOURCE: Henry L. Mattin Laboratories, Engelhard Corp., Ossining, NY, USA
 SOURCE: Cosmetics & Toiletries (1999), 114(10), 51-54
 CODEN: CTOIDG; ISSN: 0361-4387
 PUBLISHER: Allured Publishing Corp.
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 AB UVA fluorescent light can be combined with colorimetry measurements for a fast and reproducible way to assess the color stability of cosmetic pigments when exposed to sunlight.
 REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L15 ANSWER 12 OF 15 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 1997:341881 CAPLUS
 DOCUMENT NUMBER: 126:318190
 TITLE: Colored articles having a light-transmitting solid polymeric matrix and particle scattering colorants, compositions therefor, and methods for their fabrication
 INVENTOR(S): Smith, Tammy Lynn; Baughman, Ray; Martin, Mary

PATENT ASSIGNEE(S): Frances; Choi, Wonsik; Moulton, Jeffrey
 SOURCE: Alliedsignal Inc., USA
 PCT Int. Appl., 101 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|--|------|-----------------|-----------------|--------------|
| WO 9711991 | A1 | 19970403 | WO 1996-US15541 | 19960927 <-- |
| W: JP | | | | |
| RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE | | | | |
| EP 852599 | A1 | 19980715 | EP 1996-933168 | 19960927 <-- |
| EP 852599 | B1 | 20050323 | | |
| R: DE, FR, GB, IT, NL | | | | |
| JP 2000507309 | T | 20000613 | JP 1997-513688 | 19960927 <-- |
| EP 1391479 | A1 | 20040225 | EP 2003-103959 | 19960927 <-- |
| R: DE, FR, GB, IT, NL | | | | |
| EP 1541624 | A1 | 20050615 | EP 2005-101418 | 19960927 <-- |
| R: DE, FR, GB, IT, NL | | | | |
| US 6440340 | B1 | 20020827 | US 2000-716497 | 20001120 <-- |
| US 6514446 | B1 | 20030204 | US 2000-721005 | 20001122 <-- |
| US 2003054158 | A1 | 20030320 | US 2002-266362 | 20021008 <-- |
| US 6982117 | B2 | 20060103 | | |
| US 2003083429 | A1 | 20030501 | US 2002-308278 | 20021203 <-- |
| US 6730399 | B2 | 20040504 | | |
| US 2003087094 | A1 | 20030508 | US 2002-308354 | 20021203 <-- |
| US 6756120 | B2 | 20040629 | | |
| PRIORITY APPLN. INFO.: | | | | |
| | | US 1995-535687 | A 19950928 <-- | |
| | | EP 1996-933168 | A3 19960927 <-- | |
| | | WO 1996-US15541 | W 19960927 <-- | |
| | | US 1999-338624 | A3 19990623 <-- | |
| | | US 1999-338629 | A3 19990623 <-- | |
| | | US 2000-721005 | A3 20001122 <-- | |
| | | US 2001-758534 | A3 20010110 <-- | |

AB Colored composite articles comprise a solid matrix component containing a nonliq. particle scattering colorant (a semiconductor, a metallic conductor, a metal oxide, or a salt) and a solid matrix component containing an electronic transition colorant, dye, or pigment, with the first matrix being $\leq 50\%$ of that of the second matrix at visible wavelengths; a polymer matrix containing ≥ 1 particle scattering colorant and ≥ 1 electronic transition colorant, dye or pigment having specified properties; or composite fibers containing ferroelec, antiferroelec, or photoferroelec. particles. The coloration effects can be designed to be either highly stable or dependent upon the switching effects of temperature, integrated thermal exposure, moisture absorption, or exposure to actinic radiation. Colored articles, e.g., carpets, prepared from the compns. do not fade and can be recycled. Thus, a 10% composition of MT 500B (average particle diameter 35 nm) in MBN (nylon 6) was prepared, extruded, pelletized, redried, then dry-blended with more nylon 6 to give a final let-down concentration of 1%. A similarly prepared 1:99 carbon black-nylon composition (0.5 parts) was chip-blended with 99.5 parts of the first composition, spun into fibers, drawn, and texturized, giving light-blue to gray-blue fibers with an angle-dependent hue in shade.

L15 ANSWER 13 OF 15 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 1996:756297 CAPLUS
 DOCUMENT NUMBER: 126:22790
 TITLE: Colored bicarbonate containing solid deodorant compositions
 INVENTOR(S): Moghe, Bhalchandra; Shevade, Makarand; Kasat,

PATENT ASSIGNEE(S): Radhakrishna; Linn, Elizabeth
 Mennen Company, USA; Moghe, Bhalchandra; Shevade,
 Makarand; Kasat, Radhakrishna; Linn, Elizabeth
 SOURCE: PCT Int. Appl., 20 pp.
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|----------------|
| WO 9632925 | A1 | 19961024 | WO 1996-US4925 | 19960417 <-- |
| W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI | | | | |
| RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN | | | | |
| US 5597556 | A | 19970128 | US 1995-425926 | 19950420 <-- |
| AU 9653888 | A | 19961107 | AU 1996-53888 | 19960417 <-- |
| PRIORITY APPLN. INFO.: | | | US 1995-425926 | A 19950420 <-- |
| | | | WO 1996-US4925 | W 19960417 <-- |

AB A colored, soap-gelled composition, comprising an alc., a soap in an amount effective to gel the composition, an alkali metal bicarbonate, and an inorg pigment. The alkali metal bicarbonate deodorant compns. colored with FD and C or D and C colorants do not exhibit stable color for extended periods of time, the compns. of the present invention, using inorg. pigments, exhibit stable color for extended periods, even under accelerated, e.g. high temperature, conditions. A deodorant stick contained propylene glycol 68.87, Irgasan 0.25, stearic acid 4.00, sodium carbonate 1.60, sodium bicarbonate 1.00, PEG-Ceteth-20 3.00, fragrance 2.00, chromium hydroxide green 0.10, and water q.s. 100%.

L15 ANSWER 14 OF 15 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 1993:66599 CAPLUS
 DOCUMENT NUMBER: 118:66599
 TITLE: Nail polish compositions for hard and durable coatings
 INVENTOR(S): Hokama, Yosh
 PATENT ASSIGNEE(S): International Beauty Design, Inc., USA
 SOURCE: Can. Pat. Appl., 20 pp.
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|------|----------|-----------------|----------------|
| CA 2049633 | A1 | 19920426 | CA 1991-2049633 | 19910821 <-- |
| PRIORITY APPLN. INFO.: | | | US 1990-605074 | A 19901025 <-- |

AB A method of strengthening a fingernail or toenail comprises (1) cleaning the nail surface, (2) applying ≥ 1 layer of a nail polish composition consisting of aliphatic urethane acrylate, tripropylene glycol diacrylate, trimethylolpropane ethoxylate triacrylate, methacrylic acid, 1-hydroxycyclohexylphenyl ketone, Bu acetate, and colorants, and (3) subjecting the layer(s) to UV treatment for curing.

L15 ANSWER 15 OF 15 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 1992:136020 CAPLUS
 DOCUMENT NUMBER: 116:136020
 TITLE: Pressed powder cosmetic product
 INVENTOR(S): Giezendanner, Corinna C.; Krog, Ann; Valdes, Nancy; Disomma, Joseph
 PATENT ASSIGNEE(S): Revlon, Inc., USA

SOURCE: U.S., 8 pp.
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------|------|----------|-----------------|--------------|
| US 5073364 | A | 19911217 | US 1990-540087 | 19900619 <-- |
| | | | US 1990-540087 | 19900619 <-- |

PRIORITY APPLN. INFO.: AB A pressed powder cosmetic product is disclosed. The product, useful as an eyeshadow, a blusher and the like, comprises a cream pressed powder composition and a frost pressed powder composition, disposed adjacent to each other in the same pan. This arrangement is made possible by inclusion of surfactant-coated fillers, surfactant-coated colorants and a two component powder binder. A powdered mixture was made of lecithin-coated talc 35.25, lecithin-coated Fe oxides 14, polyethylene 2, Zn stearate 5, lecithin-coated mica 30, Bi oxychloride 4, methylparaben 0.2, ethylparaben 0.15, propylparaben 0.1, and imidazolidinylurea 0.3 parts by weight A 2nd mixture was made by heating, at 70°, cococaprylate/caprate 2.25, C12-15 alc. benzoates 1.25, octyldodecylstearoyl stearate 1.25 and dimethicone plus trimethylsiloxysilicate 5 parts. The two mixts. were blended, to give a cream powder eye shadow.

=> s CHROMALITE
 L16 13 CHROMALITE

=> dup rem L16
 PROCESSING COMPLETED FOR L16
 L17 13 DUP REM L16 (0 DUPLICATES REMOVED)

=> d 1-13 ibib abs

L17 ANSWER 1 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2006:708411 CAPLUS
 DOCUMENT NUMBER: 145:138609
 TITLE: Polyelectrolyte-coated size-exclusion ion-exchange particles for purification in DNA sequencing
 INVENTOR(S): Harrold, Michael P.; Lau, Aldrich N. K.; Johnson, Ben F.; Amparo, Gilbert P.; Mercer, Frank W.
 PATENT ASSIGNEE(S): Applera Corporation, USA
 SOURCE: U.S. Pat. Appl. Publ., 52 pp., Cont.-in-part of U.S. Ser. No. 57,936.
 CODEN: USXXCO
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 4
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---------------|------|----------|-----------------|-------------|
| US 2006160122 | A1 | 20060720 | US 2006-355872 | 20060215 |
| US 2005181378 | A1 | 20050818 | US 2004-780963 | 20040218 |
| US 2005196856 | A1 | 20050908 | US 2005-57936 | 20050215 |
| | | | US 2004-780963 | A2 20040218 |
| | | | US 2005-57936 | A2 20050215 |
| | | | US 2005-709986P | P 20050818 |

PRIORITY APPLN. INFO.: AB Polyelectrolyte-coated size-exclusion ion-exchange particles and their use for separating DNA sequencing reaction products are provided. Thus, a method for DNA sequencing comprises contacting the DNA sequencing reaction products with particles containing an ion-exchange core coated with a polyelectrolyte. A nonionic detergent such as CHAPS and a stabilizer such as betaine is added to the mixture The DNA sequencing products may be

further purified by capillary electrophoresis. Thus, BioRad AG 1-X8 coated with poly(acrylic acid-co-N,N-dimethylacrylamide) was prepared and used as described.

L17 ANSWER 2 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2006:590342 CAPLUS
DOCUMENT NUMBER: 145:75792
TITLE: Preparation of HPLC columns using hypercrosslinked polymeric sorbents
INVENTOR(S): Khabarov, V. B.; Pronin, A. Ya.; Ermakov, V. V.; Buryak, A. K.; Khabarov, M. V.
PATENT ASSIGNEE(S): Russia
SOURCE: Russ., 13 pp.
CODEN: RUXXE7
DOCUMENT TYPE: Patent
LANGUAGE: Russian
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|------|----------|-----------------|----------|
| RU 2278379 | C1 | 20060620 | RU 2005-102875 | 20050207 |
| PRIORITY APPLN. INFO.: | | | RU 2005-102875 | 20050207 |

AB HPLC columns are prepared by preparing a suspension of a hypercrosslinked polymeric sorbent based on polystyrene, polystyrene-divinylbenzene, or polydivinylbenzene using an aqueous alkaline solution having a pH of 11-14, and introducing the suspension into a column at increased pressure. The sorbent granules used have a diameter of 5-10 µm.

L17 ANSWER 3 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2005:1292737 CAPLUS
DOCUMENT NUMBER: 144:32819
TITLE: Petal-array support and purification members for use with microplates for DNA sequencing and PCR
INVENTOR(S): Ramstad, Paul O.; Harrold, Michael P.; Hennessy, Kevin M.; Lau, Aldrich N. K.
PATENT ASSIGNEE(S): Applera Corporation, USA
SOURCE: U.S. Pat. Appl. Publ., 37 pp., Cont.-in-part of U.S. Ser. No. 413,935.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 17
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|------|----------|-----------------|-------------|
| US 2005271553 | A1 | 20051208 | US 2004-21039 | 20041221 |
| US 2003129741 | A1 | 20030710 | US 2002-38974 | 20020104 |
| US 6632660 | B2 | 20031014 | | |
| US 2003228706 | A1 | 20031211 | US 2003-413935 | 20030414 |
| US 6833238 | B2 | 20041221 | | |
| PRIORITY APPLN. INFO.: | | | US 2002-38974 | A2 20020104 |
| | | | US 2003-413935 | A2 20030414 |
| | | | US 2002-398852P | P 20020726 |

AB Devices are provided which include supports upon which one or more ion-exchange materials can be disposed for purifying a sample. In various embodiments, the supports include a plurality of deformable members, for example, petal-shaped purification members, that provide binding sites for ion-exchange material and optionally biochem. species, chems., salts, or other materials. An apparatus and method are also provided for the insertion and removal of the purification members into resp. wells of a multi-well microplate. The apparatus and method of the invention are used for DNA sequencing reaction purification and PCR reaction purification

L17 ANSWER 4 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2004:128330 CAPLUS
DOCUMENT NUMBER: 140:363628
TITLE: Elucidation of retention mechanisms on hypercrosslinked polystyrene used as column packing material for high-performance liquid chromatography
AUTHOR(S): Sychov, C. S.; Ilyin, M. M.; Davankov, V. A.; Sochilina, K. O.
CORPORATE SOURCE: Institute of Organo-Element Compounds, Russian Academy of Science, Moscow, 119991, Russia
SOURCE: Journal of Chromatography, A (2004), 1030(1-2), 17-24
CODEN: JCRAEY; ISSN: 0021-9673
PUBLISHER: Elsevier Science B.V.
DOCUMENT TYPE: Journal
LANGUAGE: English
AB Establishing of basic retention mechanisms was considered the key target during the development of new column packing materials. To extract, from an appropriate retention data matrix on hypercrosslinked polystyrene Chromalite 5HGN, certain factors that can be brought in an obvious correspondence with known retention mechanisms, the principal component anal. (PCA) was applied. The approach was used to elucidate the adsorption properties of the above novel HPLC packing. Besides HPLC, knowledge of retention mechanisms helps to reveal perspective application area for the hypercrosslinked polystyrene-type materials in solid-phase extraction (SPE) and low-pressure preparative LC.
REFERENCE COUNT: 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L17 ANSWER 5 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2003:93900 CAPLUS
DOCUMENT NUMBER: 139:110780
TITLE: Hypercrosslinked polystyrene as a novel type of high-performance liquid chromatography column packing material. Mechanisms of retention
AUTHOR(S): Davankov, V. A.; Sychov, C. S.; Ilyin, M. M.; Sochilina, K. O.
CORPORATE SOURCE: Institute of Organo-Element Compounds, Moscow, 119991, Russia
SOURCE: Journal of Chromatography, A (2003), 987(1-2), 67-75
CODEN: JCRAEY; ISSN: 0021-9673
PUBLISHER: Elsevier Science B.V.
DOCUMENT TYPE: Journal
LANGUAGE: English
AB An exptl. material, Chromalite 5HGN (Purolite, UK), that represents hypercrosslinked polystyrene as a new type of neutral stationary phase for HPLC was examined. The material contains no functional groups, but is compatible with any kind of nonpolar and highly polar mobile phase, and even with water. It is chemical resistant and thermally stable. When using aqueous organic mobile phases, Chromalite 5HGN works similar to standard C18 reversed-phase packings, but was characterized by much greater hydrophobicity and, sometimes, unusual selectivity. When using nonpolar mobile phases, i.e. under quasi normal-phase conditions, the retention is mostly governed by the interactions between π -electronic systems of the adsorbent and adsorbate. Adding highly polar, even hydrophilic solvents into the mobile phase, leads to a shift of retention times toward the reversed-phase kind of chromatog., which gives an addnl. possibility in fine tuning the column selectivity.
REFERENCE COUNT: 18 THERE ARE 18 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L17 ANSWER 6 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2003:548089 CAPLUS
DOCUMENT NUMBER: 140:191760
TITLE: Supercross-linked polystyrene sorbents for HPLC
AUTHOR(S): Davankov, V. A.; Sychev, K. S.; Il'in, M. M.

CORPORATE SOURCE: Russia
 SOURCE: Zavodskaya Laboratoriya, Diagnostika Materialov
 (2003), 69(4), 3-7
 CODEN: ZLDMF2; ISSN: 1028-6861
 PUBLISHER: Izdatel'stvo "TEST-ZL"
 DOCUMENT TYPE: Journal
 LANGUAGE: Russian
 AB Supercross-linked polystyrene were tested as stationary phases in HPLC columns. The retention mechanisms of the analyzed compds. on the spherical supercross-linked polystyrene microparticles is shown and examples of concrete anal. problems are presented.

L17 ANSWER 7 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2001:131162 CAPLUS
 DOCUMENT NUMBER: 134:197871
 TITLE: Long lasting liquid lipstick compositions based on acrylate copolymers and cellulose
 INVENTOR(S): Fishman, Yoram
 PATENT ASSIGNEE(S): USA
 SOURCE: U.S., 9 pp., Cont.-in-part of U. S. Ser. No. 60,799.
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|------|----------|-----------------|-------------|
| US 6190681 | B1 | 20010220 | US 1999-294712 | 19990415 |
| US 6261576 | B1 | 20010717 | US 1998-60799 | 19980415 |
| US 2001012510 | A1 | 20010809 | US 2001-788182 | 20010218 |
| US 6428797 | B2 | 20020806 | | |
| US 2002197222 | A1 | 20021226 | US 2002-195177 | 20020715 |
| PRIORITY APPLN. INFO.: | | | US 1998-60799 | A2 19980415 |
| | | | US 1999-294712 | A1 19990415 |
| | | | US 2001-788182 | A1 20010218 |

AB Embodiments include a liquid lipstick composition having an acrylates/octylacrylamide copolymer, a cellulose material, alc. and a colorant. The cellulose material may be hydroxypropyl cellulose. Isostearyl alc. and silica may be included in the composition to enhance properties such as the spreadability and feel of the composition on the lips. Addnl. additives such as fragrance and botanical exts. may also be added. Such compns. can be easily applied to the lips and offer long wear characteristics. For example, a composition for a red liquid lipstick contained isostearyl alc. 3.20, silica 1.50, ethanol 81.37, hydroxypropyl cellulose 0.50, an acrylate/octylacrylamide copolymer 4.50, PEG-20 Me glucose ether 4.10, a phyto desensitizer (botanical extract mixts.) 1.00, fragrance 1.20, Permashade WP 10S 0.60, iron oxide 0.82, D&C Red #28 Aluminum Lake 0.30, D&C Red #33 Aluminum Lake 0.07, D&C Yellow #5 Aluminum Lake 0.21, and D&C Red #7 0.63 parts.

REFERENCE COUNT: 43 THERE ARE 43 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L17 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2000:440071 CAPLUS
 DOCUMENT NUMBER: 133:63574
 TITLE: Simultaneous determination of dihydroxybenzenes, aminophenols and phenylenediamines in hair dyes by high-performance liquid chromatography on hypercross-linked polystyrene
 AUTHOR(S): Penner, Natalia A.; Nesterenko, Pavel N.
 CORPORATE SOURCE: Analytical Chem. Div., M. V. Lomonosov Moscow State University, Moscow, 119899, Russia
 SOURCE: Analyst (Cambridge, United Kingdom) (2000), 125(7),

1249-1254
CODEN: ANALAO; ISSN: 0003-2654

PUBLISHER: Royal Society of Chemistry
DOCUMENT TYPE: Journal
LANGUAGE: English
AB The retention of polar organic mols. such as dihydroxybenzenes, aminophenols and phenylenediamines on a 250 + 4.6 mm id column packed with 5 µm hypercross-linked polystyrene Chromalite 5HGN (Purolute) was studied. The influence of separation parameters such as concentration of MeCN,

buffer (citrate, phosphate) concentration, ionic strength and pH of the eluent on

their retention was investigated. Under optimum conditions [MeCN-0.3 mol L-1 ammonium phosphate, pH 5.15 (30:70)], 8 substances generally used as dye intermediates in hair coloring compns. could be separated within 20 min. An HPLC method with spectrophotometric detection was proposed for the simultaneous determination of pyrocatechol, resorcinol, hydroquinone, o-, m-

and p-aminophenols and p-phenylenediamine in com. hair dye products. The detection limits of these compds. are in the range 0.05-0.16 µg mL-1. The suitability of the method was demonstrated by the anal. of 3 different permanent hair dyes.

REFERENCE COUNT: 22 THERE ARE 22 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L17 ANSWER 9 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1998:672713 CAPLUS

DOCUMENT NUMBER: 129:291102

TITLE: Ultraviolet ray (UV) blocking textile and manufactured article

INVENTOR(S): Edwards, Stuart D.; Edwards, Kelly; Parker, Theodore L.; Evans, John M.

PATENT ASSIGNEE(S): Koala Konnections, USA

SOURCE: PCT Int. Appl., 37 pp.

CODEN: PIIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|----------|
| WO 9842909 | A1 | 19981001 | WO 1998-US1016 | 19980122 |
| W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE,
DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG,
KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO,
NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA,
UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI,
FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM,
GA, GN, ML, MR, NE, SN, TD, TG | | | | |
| CA 2282402 | A1 | 19981001 | CA 1998-2282402 | 19980122 |
| AU 9859244 | A | 19981020 | AU 1998-59244 | 19980122 |
| AU 742112 | B2 | 20011220 | | |
| EP 970272 | A1 | 20000112 | EP 1998-902636 | 19980122 |
| R: DE, FR, GB, IT | | | | |

PRIORITY APPLN. INFO.: US 1997-41343P P 19970321
US 1997-921975 A2 19970902
WO 1998-US1016 W 19980122

AB A UV blocking fabric includes UV blocking particles for deflecting, reflecting, absorbing and/or scattering UV rays; and a binding agent attaching the UV blocking particles to the fabric. An article includes a fabric, optionally shaped to form an article of clothing, an awning, an umbrella, a sunscreen, a tent, a tarp, a canvas and the like, UV blocking particles which may be colored to match or contrast with the color of the

fabric; and a binding agent.

REFERENCE COUNT: 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L17 ANSWER 10 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1976:483134 CAPLUS

DOCUMENT NUMBER: 85:83134

ORIGINAL REFERENCE NO.: 85:13279a,13282a

TITLE: Tooth whitening cosmetic composition

INVENTOR(S): Burell, Vincent A.; Suchan, Joseph T.

PATENT ASSIGNEE(S): Koh-I-Noor Rapidograph, Inc., USA

SOURCE: Brit., 4 pp.

CODEN: BRXXAA

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|------|----------|-----------------|------------|
| GB 1434081 | A | 19760428 | GB 1973-30494 | 19730627 |
| PRIORITY APPLN. INFO.: | | | US 1973-347102 | A 19730402 |

AB The composition consisted of a Carboset resin dispersed together with a Me cellulose and crosslinked with ZnO, NH4OH, and (NH4)2CO3. E.g., a composition was prepared containing ZnO 0.42, NH4OH 1.08, (NH4)2CO3 0.76, carboset 514-A [25133-97-5] resin 27.19, EtOH 60.08, methocel HG [9004-65-3] 1.39, Chromalite Black 0.16, D and C Red 6 0.16, and TiO2 4.20% weight. The upper teeth were dried and the composition applied to each tooth individually; 15 min drying was ideal to give good wearing time. Any whitener not removed on normal brushing could be removed with solvent.

L17 ANSWER 11 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1968:470675 CAPLUS

DOCUMENT NUMBER: 69:70675

ORIGINAL REFERENCE NO.: 69:13215a,13218a

TITLE: Stability of tricalcium silicate

AUTHOR(S): Butt, Yu. M.; Timashev, V. V.; Kaushanskii, V. E.

CORPORATE SOURCE: Mosk. Khim.-Tekhnol. Inst. im. Mendeleva, Moscow, USSR

SOURCE: Izvestiya Akademii Nauk SSSR, Neorganicheskie Materialy (1968), 4(3), 465-7
CODEN: IVNMAW; ISSN: 0002-337X

DOCUMENT TYPE: Journal

LANGUAGE: Russian

AB The stability of 3CaO.SiO2 near the lower theoretical boundary of its stability was investigated, using single-crystal samples prepared by a modified Li and Ners method. Not only pure samples were studied, but also those with addns. of 1% MgO, Al2O3, and Cr2O3. The single crystals to be studied were placed in a furnace preheated to the required temperature, and subjected to a 1-hr. heat treatment at 1000-1300°. The amount of free CaO present in the samples was quant. determined 3CaO.SiO2 is unstable at low temps. The maximum of decomposition for all crystals occurs at 1100°, which indicates the existence of a definite temperature region which the 3CaO.SiO2 is least stable. The presence of Al3+ and Mg2+ in the 3CaO.SiO2 lattice speeds up the decomposition of this mineral. During the formation of the solid solution the Mg2+ becomes bonded to the O ions of the 3CaO.SiO2 lattice. During this, the bond between these ions and the Ca2+ is somewhat weakened. As a result of weakened Ca-O bonds, the separation of the 3rd CaO mol. from the orthosilicon nucleus of the silicate becomes easier. With respect to the Al2O3 addns., the higher chemical activity of the Al2O3 solid solution in 3CaO.SiO2 causes a weakening of the lattice due to various factors. The presence of Cr3+ in the 3CaO.SiO2 lattice increases its stability. Obviously, a chromalite phase is formed then, which is similar to the alite structure, and is thus more stable. The maximum degree of decomposition for alite is observed at 1200°, with the

decomposition taking place primarily at the periphery of the crystal.

L17 ANSWER 12 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1967:5237 CAPLUS

DOCUMENT NUMBER: 66:5237

ORIGINAL REFERENCE NO.: 66:1067a,1070a

TITLE: Use of "chromalite" in fast-setting molds
and core sands containing waterglass and in coatings

AUTHOR(S): Tomasik, Edmund

SOURCE: Przeglad Odlewnictwa (1966), 16(7-8), 255-7

CODEN: PRZOAB; ISSN: 0033-2275

DOCUMENT TYPE: Journal

LANGUAGE: Polish

AB Two samples of a waste slag from Cr production (chemical composition: SiO₂ 24.40,

27.70; Al₂O₃ 7.52, 12.60; CaO 48.78, 31.70; MgO 15.20, 13.78; FeO 0.75, 2.96; Cr₂O₃ 3.15, 6.16; S 0.08, 0.08; C 0.10, 0.10; K and H₂O 1.00, and 1.65 weight %; crystallographic phase composition: Fe solution in Cr, chromohercynite, augite ferrous chromite, diopside, Ca aluminate, Ca chromite, and several unidentified phases) were tested for their properties for use in molds and coatings. Chromalite during cooling underwent a phase transformation at 675° with .apprx.10% volume expansion; this caused its disintegration into fine powder. It had a fair heat resistance and its sintering temperature was 1300° (permanent sintering), while its normal heat resistance was 1435°. The evolution of gases at 1000° was 3.3 ml./g., and the porosity 50.82%. Chromalite is suggested for use as a component for fast drying molds and core sands containing waterglass, and as a coating (dusted on) in place of graphite. The quality of casting was improved when using chromalite.

L17 ANSWER 13 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1963:474088 CAPLUS

DOCUMENT NUMBER: 59:74088

ORIGINAL REFERENCE NO.: 59:13672d-e

TITLE: Magnesite refractories with a high content of calcium oxide

AUTHOR(S): Budnikov, P. P.; EI-Rafii, E. A.

CORPORATE SOURCE: D.I. Mendeleev Chem.-Technol. Inst., Moscow

SOURCE: Ogneupory (1963), 28(8), 371-7

CODEN: OGNPA2; ISSN: 0369-7290

DOCUMENT TYPE: Journal

LANGUAGE: Unavailable

AB Chromite added in the amount of 10% to dolomitic magnesite with a content of 8.35% of free CaO combines completely with it during the firing operation, thus serving as an effective stabilizer. Hydrothermal treatment accelerates this reaction, which produces the oxychromite of Ca (9CaO·4CrO₃·Cr₂O₃), while Fe₂O₃ enters the crystal lattice of the periclase with the formation of a solid solution. With the addition of 30% of Cr₂O₃, chromalite is formed and the Fe₂O₃ is converted to magnesoferrite. Ca oxychromite goes to the monochromite at its fusion point of 2170°, which explains the high deformation temperature of the refractory under load. 20 references.

=> s CHROMA-LITE

1575 CHROMA

26 CHROMAS

1597 CHROMA

(CHROMA OR CHROMAS)

645 LITE

52 LITES

695 LITE

(LITE OR LITES)

L18

3 CHROMA-LITE

(CHROMA (W) LITE)

=> s L18 NOT L17
L19 13 S L17
L20 3 L18 NOT L19

=> d L18 ibib abs

L18 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2007:593443 CAPLUS
DOCUMENT NUMBER: 147:37943
TITLE: Hair styling compositions and methods for imparting vibrancy
INVENTOR(S): Montezinos, David Lee; Pastwa, Dea Michelle; Stophlet, Matthew Gus
PATENT ASSIGNEE(S): The Procter & Gamble Company, USA
SOURCE: PCT Int. Appl., 32pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|------------|
| WO 2007060597 | A2 | 20070531 | WO 2006-IB54340 | 20061120 |
| WO 2007060597 | A3 | 20071025 | | |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW | | | | |
| RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA | | | | |
| US 2007141002 | A1 | 20070621 | US 2006-580256 | 20061012 |
| PRIORITY APPLN. INFO.: | | | US 2005-739676P | P 20051123 |
| | | | US 2005-739677P | P 20051123 |
| | | | US 2006-580256 | A 20061012 |

AB Leave-on hair care composition, comprising from about 0.1% to about 20% of a shine enhancing system comprising a first non-soluble particle reflecting a first color, a second non-soluble particle reflecting a second color, and a third non-soluble particle reflecting a third color; from about 0.001% to about 5% of a film-forming agent; and a dermatol.-acceptable carrier. A hair styling product contained, Shine enhancing system 5.000, acrylates/beheneth-25 methacrylate copolymer (Aculyn-28) 3.000, hydroxyethyl cellulose (HHR250) 0.666, Laureth-23 0.600, acetyl glucosamine 0.500, benzyl alc. 0.500, aminomethyl propanol 0.316, DMDM hydantoin (Glydant) 0.370, aloe 0.250, disodium EDTA 0.115, perfume 0.100, niacinamide 0.010, DL-panthenol 0.020, panthenyl Et ether 0.090, and water q.s. 100%.

=> d L18 2-3 ibib abs

L18 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2006:657197 CAPLUS
DOCUMENT NUMBER: 145:130184
TITLE: Non-pressurized post-application expanding composition for hair fibers comprising surfactant and film-forming polymer

INVENTOR(S): McNamara, William E.; McKie, Derrick B.; Kurek, John S.; Milow, Clifford A.; Garrison, Mark S.; Cen, Raymond
 PATENT ASSIGNEE(S): USA
 SOURCE: U.S. Pat. Appl. Publ., 15 pp., Cont.-in-part of U.S. Ser. No. 331,069.
 CODEN: USXXCO
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|------|---|-----------------|-------------|
| US 2006147399 | A1 | 20060706 | US 2005-532361 | 20050420 |
| US 2004126345 | A1 | 20040701 | US 2002-331069 | 20021227 |
| WO 2004060292 | A2 | 20040722 | WO 2003-US40790 | 20031219 |
| WO 2004060292 | A3 | 20041209 | | |
| | W: | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO,
NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ,
TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW | | |
| | RW: | BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ,
BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE,
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK,
TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | |
| PRIORITY APPLN. INFO.: | | | US 2002-331069 | A2 20021227 |
| | | | WO 2003-US40790 | W 20031219 |

AB A post-application expanding composition for application to hair fibers of the scalp, eyebrows or eyelashes is provided. The composition comprises at least one surfactant, a solvent for the surfactant, and a volatile agent in an amount that will cause the surfactant and solvent to interact and foam on the hair fibers thereby producing an expanded composition. The composition further

contains a film-forming agent in an amount effective to form a film which when set fixes at least a portion of the expanded composition in its expanded state. The volatile agent is solubilized in the composition, and is further dispersed throughout the composition in nanometer size droplets or generated in situ on the hair fibers or immediately prior to application thereto so that the composition is storable in a non-pressurized container. Thus, a mascara composition contained Hydroxyethyl cellulose 0.5, Oleth-3 phosphate 0.5, Isoceteth-20 0.5, palmitic acid 4.0, triethanolamine 1.0, Syntran EX-100 10.0, Diatosol 5000 SJ 12.0, cocamidopropylbetaine 0.5, WSJ24BAMP 25.0, Germaben II 0.5 and water to 100%, resp. When applied, the mascara is advantageous in that much fewer brush strokes are required and thus manipulation is greatly reduced.

L18 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2005:1103547 CAPLUS
 DOCUMENT NUMBER: 143:392969
 TITLE: Composition and method for dry cow udder protection comprising a bimodal interpenetrating polymer system
 INVENTOR(S): Kross, Robert D.
 PATENT ASSIGNEE(S): USA
 SOURCE: PCT Int. Appl., 18 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------|------|------|-----------------|------|
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| WO 2005094787 | A1 | 20051013 | WO 2005-US9650 | 20050323 |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,
NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM,
SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW | RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,
AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,
EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT,
RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML,
MR, NE, SN, TD, TG | | | |

PRIORITY APPLN. INFO.:

US 2004-555562P P 20040324

AB A composition for dry cow udder protection includes a bimodal interpenetrating polymer system having both cationic and anionic functionalities and capable of forming a stable aqueous solution and ionic bonds between polar chains. The bimodal interpenetrating polymer system, preferably, includes two acrylate copolymers, Polyacrylate-18 and Polyacrylate-19. The bimodal interpenetrating polymer system is approx. 20% to 40%, by weight, of the aqueous

solution, and preferably has a thixotropic viscosity of approx. 500 cps to 5000 cps, as measured with a Brookfield Viscometer at 20 rpm with a # 3 spindle. The composition, as part of an aqueous solution, is applied to the region of

a cow teat to be protected and allowed to dry, resulting in a water-insol. protecting film. For example, a dry-cow teat dip was prepared containing polyethylene glycol 600 3.00, xanthan gum 0.50, sodium dodecylbenzenesulfonate 0.20, Syntran EX-104 polymer dispersion 96.00, and FD&C Yellow #5 0.30%, resp. The viscosity of this dry dip formulation was 600 cps. The dry, antimicrobial film is adhesive to the teat skin for many days, with no loss of integrity upon normal flexure.

REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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| FULL ESTIMATED COST | 147.79 | 148.42 |
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